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Water-Data Report 2006

**09285900 STRAWBERRY RIVER AT PINNACLES NEAR FRUITLAND, UT**

Lower Green Basin  
Strawberry Subbasin

LOCATION.--Lat 40°07'38", long 110°44'28" referenced to North American Datum of 1927, in SE ¼ SW ¼ SW ¼ sec.13, T.4 S., R.8 W., Duchesne County, UT, Hydrologic Unit 14060004, Lat 40 07'39", long 110 44'28" in SW ¼ sec. 13, T.1 N., R. 8 E., approximately 6 miles south-southeast of U.S. 40 and the Strawberry Pinnacles road.

DRAINAGE AREA.--380 mi<sup>2</sup>, approximately, from U.S. Geological Survey quadrangle map, scale 1:24,000.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--October 1989 to September 1994, October 2005 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,060 ft above sea level, from topographic map.

COOPERATION.--Gage-height record Oct. 1, 1989 to Feb. 7, 1990 provided by Bureau of Reclamation.

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow is regulated by Strawberry Reservoir.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 456 ft<sup>3</sup>/s May 17, 2006, gage height, 3.46 ft; minimum daily discharge, 17 ft<sup>3</sup>/s Jan. 5, 1993.

EXTREMES FOR CURRENT YEAR.--Maximum daily discharge, 431 ft<sup>3</sup>/s May 17; minimum daily discharge 29 ft<sup>3</sup>/s Feb. 3.

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## 09285900 STRAWBERRY RIVER AT PINNACLES NEAR FRUITLAND, UT—Continued

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**  
**DAILY MEAN VALUES**  
[*e*, estimated]

<b>Day</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>
<b>1</b>	---	38	e35	e35	e31	34	35	74	119	65	54	46
<b>2</b>	---	39	e36	e36	e30	33	39	82	114	64	53	46
<b>3</b>	---	38	e36	e36	e29	33	39	93	111	63	52	46
<b>4</b>	---	38	e36	e36	e31	33	40	102	107	63	51	46
<b>5</b>	---	39	e37	e36	e31	32	42	108	105	63	51	46
<b>6</b>	---	39	e37	e35	e32	33	42	107	102	62	53	47
<b>7</b>	---	38	e38	e35	e31	33	42	104	100	63	54	47
<b>8</b>	---	37	e39	e35	31	32	42	111	100	60	51	49
<b>9</b>	---	37	e40	e37	31	32	42	120	99	60	49	49
<b>10</b>	---	37	e42	e36	e30	32	42	124	98	58	49	50
<b>11</b>	---	39	e41	e35	e31	32	42	150	93	58	48	48
<b>12</b>	---	39	e41	e32	e31	32	42	202	89	56	48	47
<b>13</b>	---	39	e40	e33	e30	33	42	282	88	55	49	47
<b>14</b>	---	39	e40	e34	e30	33	43	326	86	54	50	47
<b>15</b>	---	38	e40	e34	e31	33	44	378	86	52	51	48
<b>16</b>	---	38	e39	e34	e31	32	44	397	86	51	51	49
<b>17</b>	---	38	e38	e33	e32	33	45	431	83	51	50	48
<b>18</b>	---	38	e38	e33	e31	33	45	385	80	52	49	48
<b>19</b>	---	38	e38	e32	e31	33	45	350	78	48	49	47
<b>20</b>	---	37	e38	e33	e30	32	45	329	77	52	49	48
<b>21</b>	38	37	e37	e32	e30	33	45	293	75	53	49	48
<b>22</b>	38	37	e37	e32	e30	31	45	257	73	53	48	50
<b>23</b>	38	39	e36	e32	e30	32	45	219	72	52	48	48
<b>24</b>	38	39	e35	e32	31	32	48	184	70	52	48	48
<b>25</b>	39	36	e34	e31	31	33	53	172	69	53	49	47
<b>26</b>	38	e37	e33	e31	31	34	52	161	68	53	49	e47
<b>27</b>	38	e36	e34	32	32	33	54	152	68	51	48	e48
<b>28</b>	39	e36	e34	34	33	33	58	147	66	50	47	e48
<b>29</b>	39	e36	e35	32	---	35	62	141	66	50	47	e47
<b>30</b>	38	e35	e35	32	---	34	67	132	66	50	46	e48
<b>31</b>	38	---	e35	32	---	33	---	126	---	50	46	---
<b>Total</b>	---	1,131	1,154	1,042	863	1,016	1,371	6,239	2,594	1,717	1,536	1,428
<b>Mean</b>	---	37.7	37.2	33.6	30.8	32.8	45.7	201	86.5	55.4	49.5	47.6
<b>Max</b>	---	39	42	37	33	35	67	431	119	65	54	50
<b>Min</b>	---	35	33	31	29	31	35	74	66	48	46	46
<b>Ac-ft</b>	---	2,240	2,290	2,070	1,710	2,020	2,720	12,380	5,150	3,410	3,050	2,830

**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2006, BY WATER YEAR (WY)**

	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>
<b>Mean</b>	40.8	35.2	33.1	31.5	31.8	33.1	38.9	92.2	65.8	51.1	49.1	47.5
<b>Max</b>	61.2	39.2	37.2	36.8	35.3	34.4	45.7	201	117	64.9	64.2	63.5
(WY)	(1991)	(1990)	(2006)	(1994)	(1994)	(1991)	(2006)	(2006)	(1993)	(1993)	(1990)	(1990)
<b>Min</b>	29.5	29.8	27.8	23.5	27.1	32.2	34.1	40.4	34.9	38.1	39.2	36.1
(WY)	(1993)	(1993)	(1993)	(1993)	(1993)	(1993)	(1993)	(1992)	(1992)	(1992)	(1992)	(1992)

**09285900 STRAWBERRY RIVER AT PINNACLES NEAR FRUITLAND, UT—Continued****SUMMARY STATISTICS**

<b>Water Years 1990 - 2006</b>		
<b>Annual mean</b>	43.4	
<b>Highest annual mean</b>	54.4	1993
<b>Lowest annual mean</b>	35.1	1992
<b>Highest daily mean</b>	431	May 17, 2006
<b>Lowest daily mean</b>	17	Jan 5, 1993
<b>Annual seven-day minimum</b>	20	Dec 20, 1992
<b>Annual runoff (ac-ft)</b>	31,450	
<b>10 percent exceeds</b>	60	
<b>50 percent exceeds</b>	37	
<b>90 percent exceeds</b>	29	

